

20000506.qrp v01_n813.qrl.20000506

Date: Sat, 6 May 2000 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1813

QRP-L Digest 1813

Topics covered in this issue include:

- 1) [69508] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
by top@whidbey.com
- 2) [69509] Kentucky Derby Station
by Pete Burbank <plburbank@kih.net>
- 3) [69510] A great day at the mail box...
by "Rod, N0RC" <n0rc@qsl.net>
- 4) [69511] battery charger
by john@neknetwork.com
- 5) [69512] Re: Still more on GPS sensitivity
by Mike <mmorrow@companet.net>
- 6) [69513] Guessing, what is it???
by Jerry Parker <jparker@fix.net>
- 7) [69514] CONTEST: QRP Contest Calendar
by "Mike Mullins" <mmullins@mastnet.net>
- 8) [69515] RE: NW 40-M no MO OR CHECK YET
by RangerSF5@aol.com
- 9) [69516] Winter QRPp arrives
by Richard Sherman <srichard@aldus.northnet.org>
- 10) [69517] GPS
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 11) [69518] Re: Winter QRPp arrives
by "John A. Evans - N0HJ" <jaevas@codenet.net>
- 12) [69519] Re: battery charger
by "John Moriarity" <k6qq@hdo.net>
- 13) [69520] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
by tailfeathers@juno.com
- 14) [69521] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
by tailfeathers@juno.com
- 15) [69522] Buildin' a Wattmeter Woes - Long
by Bob Kellogg <ae4ic@nr.infi.net>
- 16) [69523] WTB: NorCal QRPps
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 17) [69524] Re: Still more on GPS Accuracy
by wd3p@juno.com
- 18) [69525] Re: battery charger
by "Ron Giuntini" <rong@slip.net>
- 19) [69526] Re: Still more on GPS sensitivity

- by KR0Y@aol.com
- 20) [69527] New NORCAL Kit
by "John Stevens" <jwsteven@telocity.com>
 - 21) [69528] Re: SMK-1 - finding the gremlins
by Dave Fifield <fifield@pacbell.net>
 - 22) [69529] 40 Meter Dipole variations
by "Ron Giuntini" <rong@slip.net>
 - 23) [69530] Re: Still more on GPS sensitivity
by KR0Y@aol.com
 - 24) [69531] Fs-antenna book
by ac5ez@webtv.net (K1zw)
 - 25) [69532] Re: battery charger
by Brian <brian@iquest.net>
 - 26) [69533] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
by Brian <brian@iquest.net>
 - 27) [69534] Lodging @ Dayton QRP?
by David Feldman <dgif@netcom.com>
 - 28) [69535] New NorCal kit
by "Rod, N0RC" <n0rc@qsl.net>
 - 29) [69536] Re: Lodging @ Dayton QRP?
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
 - 30) [69537] Re: battery charger
by "John Moriarity" <k6qq@hdo.net>
 - 31) [69538] Dayton Hotel room for K0FRP
by "Alan Dawkins" <alk0frp@home.com>
 - 32) [69539] I got DX!!!
by Brian <brian@iquest.net>
 - 33) [69540] Re: I got DX!!!
by "Ken Hanks" <captbfd@yahoo.com>
 - 34) [69541] Smart Battery Charger from A & A
by n4so@juno.com
 - 35) [69542] AT Alert - MD
by wd3p@juno.com
 - 36) [69543] qrp swap update
by "Kelly Ellison" <kelman@dialnet.net>
 - 37) [69544] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
by Bruce Ratray <rattray@gpfn.sk.ca>
 - 38) [69545] FS: HW-202
by Bruce Ratray <rattray@gpfn.sk.ca>
 - 39) [69546] Re: QRP transceivers in close proximity
by "James R. Duffey" <jamesd1@flash.net>
 - 40) [69547] Re: battery charger
by "M. Pender" <steam@megsinet.net>
 - 41) [69548] Re: Smart Battery Charger from A & A
by "M. Pender" <steam@megsinet.net>
 - 42) [69549] Softwindows 95
by "Benjamin F. Poinsett" <benmail@erols.com>
 - 43) [69550] Jones paddle?

by "Steve/n0tu" <n0tu@webaccess.net>
44) [69551] More Shirt Designs on Elecraft web page
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
45) [69552] Jones paddle
by wb5qyt@eFortress.com
46) [69553] My SMK-1
by "Dennis Payton" <dpayton@fwi.com>
47) [69554] Re: Guessing, what is it???
by Randy <randyb@ionet.net>
48) [69555] Re: Guessing, what is it???
by "K7FD-N7SG" <cqdx@teleport.com>
49) [69556] Re: Smart Battery Charger from A & A
by "John Moriarity" <k6qq@hdo.net>
50) [69557] Friend WTB: MFJ-9420 SSB Rig
by "Kevin F. Glynn" <kfglynn@mindspring.com>
51) [69558] Re: Guessing, what is it???
by w4bws@juno.com
52) [69559] OT: Callbook query
by "John A. Evans - N0HJ" <jaevans@codenet.net>
53) [69560] FDIM
by "Ken Evans" <w4du@bellsouth.net>
54) [69561] Re: Smart Battery Charger from A & A
by "M. Pender" <steam@megsinet.net>

Date: Fri, 5 May 2000 16:14:37 US/Pacific
From: top@whidbey.com
To: qrp-l@Lehigh.EDU
Subject: [69508] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
Message-ID: <200005052318.QAA15545@mail.whidbey.com>

> Since we are in the guessing game and we get the no answers...

Ok, twofold:

- 1) my guess - a "linear" amp to get 2-5 watts output from your mw rig
- 2) how about establishing a "line of credit" Doug, so that we can be on automatic order for each new NorCal goodie? Now, if I could just sneak them into the house easier...

72, Terry
K7OI

Date: Fri, 05 May 2000 19:27:24 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [69509] Kentucky Derby Station
Message-ID: <3.0.32.20000505192720.0068589c@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

W4CN is operating near 7040....2320 UTC 5 May....
Special Event Station.
73 Pete NV4V

Date: Fri, 5 May 2000 17:21:24 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [69510] A great day at the mail box...
Message-ID: <00d101bfb6e8\$c097b960\$c2101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

1. no bills!
2. 200th issue of QEX with a nice DSP article
3. QRPP Winter 1999 (It's almost 90 here in CO so thoughts of winter are welcome)

Another great QRPP for the NorCal gang and Richard Fisher, ARS fame, joins the staff.
Contest results, OP tools from Paul Harden; a long article from Jim Kortge on the 40m - 6m Transverter and a BUNCH-O-OTHER cools stuff.

And for a bonus I now have all I need to start my SMK-1, it's going to be a busy weekend.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Fri, 05 May 2000 19:42:06 -0400
From: john@neknetwork.com

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69511] battery charger
Message-ID: <39135C4E.4419A6F1@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I ordered a couple of those 12v 4.5amp hour gel cell batteries someone here on the list mentioned. \$6.95 seemed like a fair deal and I plan to do some camping this summer so I was going to need something.

After I ordered them, I started thinking about how to charge 'em. I have a car battery charger that has a slow (2 amps) and fast charge (I think it's 10). Would the 2 amp setting be OK with these batteries? Thanks,
73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
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Date: Fri, 05 May 2000 17:50:47 -0500
From: Mike <mmorrow@companet.net>
To: n5zgt@swcp.com
Cc: qrp-1@lehigh.edu
Subject: [69512] Re: Still more on GPS sensitivity
Message-ID: <39135047.58B6@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian wrote:

> Also, your GPS may say it is receiving at 2-3 meter accuracy, but in
> fact it is not. The "EPE" (Estimated Position Error) number your GPS
> receiver may display is a crude number that the GPS determines, but it
> does not take into account the ionospheric errors, multipath errors
> and the geometry of the satellites...

Hi Brian,

You made a excellent point on this matter. Before one trusts a dubious indicator of positional accuracy self-generated by a GPS set, one should ask just what the GPS receiver is imagined to be using as a benchmark to determine the magnitude of its positional error.

73,

Mike / KK5F

(Nurtured on the *very* different and defunct US Navy TRANSIT doppler satellite navigation system 30 years ago.)

Date: Fri, 05 May 2000 17:31:11 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@LeHigh.edu, ki6ds@hotmail.com, ki6ds@dospalos.org
Subject: [69513] Guessing, what is it???
Message-ID: <2.2.32.20000506003111.0106f968@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

1. online ordering
2. secure credit card ordering
3. 800 customer service line and tech support
4. one complete bag of spare parts for the parts you lose
5. California Cheese for the wine'ing you will do no matter what
6. One bag of recessed screws
7. One "NorCal Doublet" which will not work but somehow makes 100'es of contacts.
8. One lemon with poles for powering the smk-1 on lemon power
9. One jumper for bypassing good parts to make the smk-1 a real performer
10. One coupon for a free 49'er from FAR Circuits if you cant get the smk-1 to work

Well????????????????

72, Jerry,,,WA6OWR...K

Date: Fri, 5 May 2000 19:14:49 -0500
From: "Mike Mullins" <mmullins@mastnet.net>
To: "QRP-L post message" <qrp-l@lehigh.edu>
Subject: [69514] CONTEST: QRP Contest Calendar
Message-ID: <001b01bfb6f0\$5bc051c0\$65d542ce@downstairs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken - N2CQ,
Thanks for posting these schedules. What I'm looking for, though, is a
Delaware (or Rhode Island) QSO contest!

73 de Mike KD5CMN in STX

Date: Fri, 5 May 2000 20:16:35 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [69515] RE: NW 40-M no MO OR CHECK YET
Message-ID: <a4.3f42919.2644be63@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Who ever was going to send a MO or check for my super, hotter then a JUNE
BRIDE in a corn patch NW 40-M, nothing showed up yet.
It's holding me up on another transaction.
I'll wait untill Monday. After that if nothing shows it has another home
Bob
WA2HOQrp <tm>

Date: Fri, 05 May 2000 20:51:59 -0400
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-l@Lehigh.EDU
Subject: [69516] Winter QRPP arrives
Message-ID: <3.0.6.32.20000505205159.007a5100@aldus.northnet.org>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As some have noted, the Winter QRPp is now shipping and it has arrived here in NNY.

The 2N2/6 converter looks like a great project but I have one question about the article.

At the end of the article is construction info for an alignment generator to help with the 2N2/6 alignment. My question is: Where is figure 2A, the schematic?

Or is it the SMK-2? ;->

I assume Jim would have that info on his web page?

Vy 72 and thanks in advance,
Rick WZ2t
Duane, NY Franklin County FN24
srichard@aldus.northnet.org

srichard@northnet.org
---If you're not part of the solution,
You're part of the precipitate.---
Steven Wright

Date: Fri, 5 May 2000 19:55:59 -0500
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [69517] GPS
Message-ID: <0974781F4FC8D211A24600902727E806011B2159@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

It is ACCURACY not SENSITIVITY that has improved.

Date: Fri, 05 May 2000 18:55:58 -0600
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69518] Re: Winter QRPp arrives
Message-ID: <39136D9D.D06CC13B@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Got mine today, too. As usual, a terrific issue. I am looking forward to building the 2n2/6 transverter.

My only complaint about the issue is that much of the schematic fonts and text seems to be a bit on the thick and unreadable side. But hey, I am 44 and use the magnifying glass regularly anyway.

tnx much for a neat read es 72 - john - n0hj

Date: Fri, 5 May 2000 18:12:04 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <john@neknetwork.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [69519] Re: battery charger
Message-ID: <005d01bfb6f8\$182b51a0\$0c424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I ordered a couple of those 12v 4.5amp hour gel cell batteries ...

> ... I have

> a car battery charger that has a slow (2 amps) and fast charge (I think

> it's 10). Would the 2 amp setting be OK with these batteries? Thanks,

Not if you want them to last. The charge rate should be more like 450 mA. Gel cells are easy to damage by overcharging.

I think the *easiest* way to solve the problem is to invest in the "Smart Battery Charger" made by A&A Engineering (look in QST). It is specifically designed to charge gel cells, and thereby maximize their lives.

72/3/4,

John, K6QQ

Date: Fri, 5 May 2000 20:52:58 -0400
From: tailfeathers@juno.com
To: top@whidbey.com
Cc: qrp-1@Lehigh.EDU
Subject: [69520] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
Message-ID: <20000505.210916.-3928949.1.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

> 1) my guess - a "linear" amp to get 2-5 watts output from your mw
> rig

I need the swr, watt meter.....Doug do you have credit applications?
Gary

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 5 May 2000 20:50:53 -0400
From: tailfeathers@juno.com
To: top@whidbey.com
Cc: qrp-1@Lehigh.EDU
Subject: [69521] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
Message-ID: <20000505.210916.-3928949.0.tailfeathers@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

> 2) how about establishing a "line of credit" Doug, so that we can be
> on automatic order for each new NorCal goodie? Now, if I could just
> sneak them into the house easier...
> 72, Terry
> K7OI

Now there's an idea.....my wife was out of town this week and my window
of opportunity closes tonight. And Doug has to use all of this suspense
stuff, he could have overnited it to me and it could have been built by
now.
Gary

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 05 May 2000 21:18:06 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: KLQRP <KLQRP@VRAMP.NET>
Subject: [69522] Buildin' a Wattmeter Woes - Long
Message-ID: <391372CE.46FCCBC4@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

I've been lusting for a small QRP watt meter, something like the OHR WM-2, except a lot smaller and with a non painted case, so it wouldn't get scratched in the field.

Studied the Breune circuits, DeMaw's designs one of Ha-Jo Brandts and the Stockton circuit.

Built the neatest little watt meter in a case about 2" X 2-1/2" X 5" with a meter scale the same size as the OHR. (easy to read) Plus, I Added my own little tricks, - the capability of reading true SWR, and an auto shut down circuit to save the battery.

Spread out on the bench during tests, it's measurements compared within a percent or so to the OHR. :-) (I'm a grinnin')

Put the thing in it's case and it wouldn't read anything! Zip. Nada.

The K2 with the Antenna Tuning unit has the capability of reading forward and reflected power, so I hooked the Watt meter to the K2 and a Dummy Load. Set the K2 for 3 watts pushed the Tune button, and my meter read Zip while the K2 said "3.0 watts Forward, 3.0 watts Reflected". Same reading on all bands!

What a revolting development! I had built a wide band RF reflecting device. I knew I was good, but who would have thought I could have done that?

Of course, I checked all of my connections for shorts, etc., and could find nothing. The meter consisted of two basic parts: (1) A sensing circuit that picks off a little bit of the transmitted power, then rectifies it to DC. (2) An amplifier which takes the tiny signal and

makes it strong enough to register on the meter. Of course it has pots to set the meter ranges, etc.

The amplifier was mostly Surface Mount parts on a tiny board, but it had to work, because it worked on the bench. The sensor was a carefully crafted device using the Stockton circuit as described in one of the G-QRP publications.

I had even improved on it by adding a shield between the two transformer sections. (DeMaw, or someone, said this would help the directionality of the circuit. I.E., help separate the forward and reflected signals by minimizing any stray coupling) (Maybe DeMaw didn't say that, maybe I dreamed it) This sensing circuit was actually built inside it's own little compartment so when the case was closed it was completely shielded from the rest of the meter. (What a design!!!) Also, I used a tiny coax between the sense circuit and the amp.

However, when the meter worked on my bench, the compartment with the sensing circuit was not in the case. The shielding was not complete. So, the sensing circuit was suspect. Could it be that completing the shield made it quit working?

One other point. The amplifier circuit board wasn't grounded to the case. Therefore, in order to complete the RF circuit from the Sensor circuit to the Amplifier, I had grounded the coax shield at both ends.

To make the long story short, here's what fixed it. (1) I lifted the coax shield from the Amp circuit board, and ran a ground wire to the case. (now the coax is grounded at just one end) (2) I removed the shield between the two transformer sections of the sensor unit.

I'll bring the little meter with me to Dayton, so all of you experts out there can laugh and point. :-)

The more I learn about RF circuits, the less I understand.

--

73,

Bob Kellogg, AE4IC, Greensboro, NC

Prolobly, not nececelery. - Benny Hill

Date: Fri, 5 May 2000 19:38:46 -0600

From: "Brian P. Mileschosky" <n5zgt@swcp.com>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [69523] WTB: NorCal QRPPs
Message-ID: <003701bfb6fb\$d2a2e2c0\$030586cc@h1w11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

I am looking to get ahold of any NorCal QRPP publications from 1999 (Spring to Winter, which has just been released) to the present. I will be willing to purchase them for a few bucks, and pay shipping. Does anyone have any they can spare (stupid question considering how good QRPP is, but worth a try)? If so, please email me!

Thanks!

72,
Brian, N5ZGT
Albuquerque, NM

Date: Sat, 6 May 2000 01:39:17 +0100
From: wd3p@juno.com
To: mmorrow@companet.net, qrp-1@Lehigh.EDU
Subject: [69524] Re: Still more on GPS Accuracy
Message-ID: <20000506.013925.-431847.0.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Fri, 05 May 2000 17:50:47 -0500 Mike <mmorrow@companet.net> writes:
> Brian wrote:
>
> > Also, your GPS may say it is receiving at 2-3 meter accuracy, but
> in
> > fact it is not. The "EPE" (Estimated Position Error) number your

Mike and Brian are right. My GPS 12 (Garmin) tells me how accurate it thinks it is. If I mark a waypoint and average the position it tells me how accurate the average is. So to check out how good that number is I did some experimenting.

Last Fall with SA on I took 25 measurements over several weeks. The unit

claimed an accuracy of about 40 feet. I did get one reading at 60 feet. Plotting the points they just barely fit inside a circle with a radius of 200 ft. The claim of 40 feet accuracy was way off. I can't get more than 5 or 6 of the 25 points inside a circle with a radius of 40 feet.

This week I've take 13 readings without SA. All were take from the same position in my yard. I do try to spread the time of the readings out so that the satellites are not always in the same positions. So far the unit tell me I'm good to 15-20 feet. Those 13 points just fit inside a circle with a radius of 30 feet. That is a huge improvement but the yardstick the unit uses is still overly optimistic.

So far it looks like I've gone from an accuracy of about 70 meters down to 10 meters. By the way the USGS 7.5 maps standards only require well defined points on the map to be within 40 feet of truth 90% of the time when checked. Well defined means something like an intersection, a geological survey benchmark or the like. So it looking like the GPS is now better than some of the best maps around.

73 de Larry.....WD3P

73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Fri, 5 May 2000 19:17:38 -0700

From: "Ron Giuntini" <rong@slip.net>

To: <john@neknetwork.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [69525] Re: battery charger

Message-ID: <007d01bfb701\$41442ae0\$4210b9d8@rongiuntini>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I built one from the QST article a few years back...Works as well as any commercially available charger for gel cells...The Spencer Battery charger...March of 92,3,4,5,6,or 7 I forget which. If anybody really wants to know, I can look it up.

----- Original Message -----

From: <john@neknetwork.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Friday, May 05, 2000 4:42 PM

Subject: battery charger

| Hi All,
|
| I ordered a couple of those 12v 4.5amp hour gel cell batteries someone
| here on the list mentioned. \$6.95 seemed like a fair deal and I plan to
| do some camping this summer so I was going to need something.
|
| After I ordered them, I started thinking about how to charge 'em. I have
| a car battery charger that has a slow (2 amps) and fast charge (I think
| it's 10). Would the 2 amp setting be OK with these batteries? Thanks,
| 73,
|
John, KB1ENS
John Wagner - john@neknetwork.com
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Date: Fri, 5 May 2000 22:30:50 EDT
From: KR0Y@aol.com
To: qrp-l@lehigh.edu
Subject: [69526] Re: Still more on GPS sensitivity
Message-ID: <9b.49adeb4.2644ddda@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Steve, your explanation of DGPS is correct. There are several ways by which the 'correction signal' can be obtained.

I was told, by a local surveying company who uses a DGPS system (a VERY expensive system - \$100,000 cost), that their system can be accurate to within 1 centimeter. Such surveying systems do NOT use Loran stations for the 'fixed' points, but instead use known 'benchmarks' near where they are surveying, and the 'correction signal' is sent via radio (data) from the 'benchmark' to the survey location (which is fairly close, say within 1/2 to 1 mile).

By the way, my Garmin GPS 12XL used to show an error of 45 to 50 feet (horizontal), at best. I asked someone at Garmin about this, and was told

that this 'error' number was usually within about plus or minus 10%. With S/A off, I'm now showing an error of 13 to 15 feet (horizontal). The altitude used to be off by about 200 feet, and now it appears to be off by about 50 to 60 feet.

John Rayfield, Jr. - KR0Y
Springfield, Missouri

Date: Fri, 5 May 2000 21:32:26 -0500
From: "John Stevens" <jwsteven@telocity.com>
To: <qrp-1@lehigh.edu>
Subject: [69527] New NORCAL Kit
Message-ID: <NDBBJDOEILACIEFNPFPNIEBGDEAA.jwsteven@telocity.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Well, gang, I don't really care what the new kit is... I've already mailed my order for one! :-)

72 John K5JS

Date: Sat, 06 May 2000 19:26:20 -0700
From: Dave Fifield <fifield@pacbell.net>
To: n5ib@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69528] Re: SMK-1 - finding the gremlins
Message-ID: <004d01bfb7cb\$a16a3700\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Jim,

Back the RF gain down a bit and see if the problem goes away.
If it does, then there are possibly two solutions.

1. Your antenna isn't a very good match on 40m, or
2. You need to increase the value of R1 to 27K or 33K to reduce the front-end overload you are experiencing

Most of the time when I have noticed this phenomenon on my SMK-1's it's because the antenna match was bad.

Good luck, let us know how you get on with it.

Cheers,
Dave Fifield, AD6A

----- Original Message -----

From: <n5ib@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, May 05, 2000 12:16 PM
Subject: SMK-1 - finding the gremlins

> So far not bad. Audio level is not very high, but I can hear increase in
> noise when the antenna is connected, and there were lots of signals
> audible last night, so I decided to try for a QSO.
>
> When I keyed down - no sidetone - then after about a couple of tenths of
> a second the sidetone appeared. This is repetitive. It takes a brief
> interval to develop sidetone after each keydown (on a string of dits,
> only clicks are heard) A check with the scope revealed that rf output was
> immediate upon key down - nice crisp keying - so it's not a sluggish
> oscillator. Must still be something in the muting and delay circuit,
> which may also be involved in the low audio.
>
> Anyone fight this battle yet? I'm investigating, but a trip tonight to
> watch my son's college baseball team play, and our hamfest (and informal
> QRP forum) will keep me away from the bench for a bit.
>
> 72
> Jim N5IB
>
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.
>

Date: Fri, 5 May 2000 19:42:26 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [69529] 40 Meter Dipole variations

Message-ID: <00c701bfb704\$b7b7ee20\$4210b9d8@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who replied...I have many facts to consider and I appreciate hearing all the input from the group of very experienced dipolists. I also hope that it was interesting to others to see the replies...That is one of the great things about this list...Information.

Thanks guys!
Ron
KB6GK...(SMK under construction.)

Date: Fri, 5 May 2000 22:50:51 EDT
From: KROY@aol.com
To: qrp-l@lehigh.edu
Subject: [69530] Re: Still more on GPS sensitivity
Message-ID: <ea.4e9fb07.2644e28b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

One other interesting thing - in the past I had checked the coordinates, using my Garmin GPS 12XL, at a "known" location (a tower that had been checked by a surveyor using a \$100,000 DGPS system). My Garmin showed within about 1 to 1.5 seconds of the correct coordinates (not bad, but only within about 80 to 150 feet of the correct coordinates).

I checked the coordinates of my new 300 foot tower the other day, using the same Garmin unit, and with S/A off, it read within .1 (1/10) seconds of the correct coordinates (within about 8 to 10 feet of the correct coordinates, and I may have been standing that far from the exact spot that the surveyor had measured).

John Rayfield, Jr. - KROY
Springfield, Missouri

Date: Fri, 5 May 2000 21:52:10 -0500 (CDT)
From: ac5ez@webtv.net (K1zw)
To: qrp-l@lehigh.edu
Subject: [69531] Fs-antenna book

Message-ID: <9452-391388DA-687@storefull-117.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

The arrl Antenna Compendium vol #6 -for sale- still in plastic wrap
(cd-rom included)
\$20.00 free s/h

I ordered this by mistake , already have this one
K1zw

Date: Fri, 05 May 2000 21:54:24 +0100
From: Brian <brian@iquest.net>
To: k6qq@hdo.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69532] Re: battery charger
Message-ID: <39133500.B3ADEAB8@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What's the difference between a gel cell and a sealed lead/acid
battery?

John Moriarity wrote:

>
> > I ordered a couple of those 12v 4.5amp hour gel cell batteries ...
>
> > ... I have
> > a car battery charger that has a slow (2 amps) and fast charge (I
> think
> > it's 10). Would the 2 amp setting be OK with these batteries? Thanks,
>
> Not if you want them to last. The charge rate should be more like
> 450 mA. Gel cells are easy to damage by overcharging.
>
> I think the *easiest* way to solve the problem is to invest in
> the "Smart Battery Charger" made by A&A Engineering (look in QST).
> It is specifically designed to charge gel cells, and thereby
> maximize their lives.
>
> 72/3/4,

>
> John, K6QQ

--

```
=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
  39.558 N   86.095 W   Johnson Co., Indiana
  GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
  Proud to be a member of the American Radio Relay League
  FISTS Century Club #764 - FISTS QRP Century Club #24
=====
```

Date: Fri, 05 May 2000 18:35:43 +0100
From: Brian <brian@iquest.net>
To: wd3p@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69533] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
Message-ID: <3913066F.B0B19AE5@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I heard this from a very knowledgable source who happens to know this guy that was a friend of this other guy that was in California on the night the big decision was made.

It's a 160M collapsable vertical, with radials, that folds up into a Altoids tin. Then you just switch a couple of parts in the SMK-1, thus making it a SMK-1Plus.

Don't tell everyone.

72 dit dit

wd3p@juno.com wrote:

>
> On Thu, 04 May 2000 19:16:46 PDT "Doug Hendricks" <ki6ds@hotmail.com>
> writes:
> > Nope, better than a memory keyer, and more usable, you will either
> > have to
> > come to the meeting Sunday or wait until I get home to post it.
> > With
> > pictures of course. 72, Doug
>
> Since we are in the guessing game and we get the no answers, if we ask

> enough questions we may just hit the right item. So I'm betting on some
> kind of portable SWR/Watt meter - perhaps based on the one in QRP
> Quarterly not too long ago using the bargraph approach.
>
> 73 de
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagh>.

--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764 - FISTS QRP Century Club #24

=====

Date: Fri, 5 May 2000 20:22:47 -0700 (PDT)
From: David Feldman <dgf@netcom.com>
To: qrp-l@lehigh.edu
Subject: [69534] Lodging @ Dayton QRP?
Message-ID: <200005060322.UAA21059@netcom.com>

Very last minute but is there a QRP room block and any still
available?

Dave

Date: Fri, 5 May 2000 21:16:54 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [69535] New NorCal kit
Message-ID: <01a901bfb70b\$13625d40\$c2101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got it! What else could be other than an SSB adapter? Done with
vacuum tubes for warm soft audio. ;-)

Order ready to go out, just need to sign and date the check.

72/3 Rod, N0RC -- Fort Collins, CO

Date: Fri, 5 May 2000 23:31:18 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: David Feldman <dgf@netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [69536] Re: Lodging @ Dayton QRP?
Message-ID: <Pine.LNX.4.10.10005052330510.18645-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need a roomie. Do you smoke? Want to share?

Tnx.

Apparently we're on our own on roomies.

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

On Fri, 5 May 2000, David Feldman wrote:

> Very last minute but is there a QRP room block and any still
> available?
>
> Dave
>

Date: Fri, 5 May 2000 21:23:18 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69537] Re: battery charger
Message-ID: <013701bfb712\$ce9c3020\$0c424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Brian <brian@iquest.net>

> What's the difference between a gel cell and a sealed lead/acid
> battery?

I'm not sure what a "sealed lead/acid battery" is.

A gel cell is a form of sealed lead/acid battery with the electrolyte in a "gelled" form to prevent leakage.

The most important properties of gel cells as far as I'm concerned (other than that they are cheap and come in small sizes) is that they can be operated in any position without leaking, and because they are "sealed", if you boil off some of the electrolyte liquid due to overcharging, there is no way to replace it.

I'm really *not* a battery expert. I've just ruined enough through ignorance that I'm more careful now.

72,

John, K6QQ

Alturas, CA, at the corner of 299 & 395.

Date: Fri, 5 May 2000 22:43:35 -0600
From: "Alan Dawkins" <alk0frp@home.com>
To: <qrp-1@lehigh.edu>
Subject: [69538] Dayton Hotel room for K0FRP
Message-ID: <00c301bfb715\$a3d98100\$ef280f18@c633484-a.aurora1.co.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have arranged the ultimate business trip, a weekend stayover near Dayton.
I have a Holiday Inn in Sidney OH, 28 miles north of Dayton.
Any cancellations closer ????

I will drive in from Louisville after flying from Philly to Chicago and to

Louisville KY. I will return to LV , KY Sunday, and do business for 4 days.
I will try to make the QRP banquet Thursday nite, as my flight will get into
Louisville at 4 PM. The best I can do. ???

SEE YOU ALL THERE

AL k0FRP

Date: Fri, 05 May 2000 22:33:22 +0100
From: Brian <brian@iquest.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [69539] I got DX!!!
Message-ID: <39133E22.8472DD37@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WOW!! I finally did it!! I got QRP DX and man, it's a good one! I
hung a 20M dipole in my attic, hooked it to my Ten Tec Scout at 5w,
tuned to 14.0355 about an hour ago and had a QSO with Evgeny UA1TET in
RUSSIA!!

Happy DANCE!!!

Now, what's the best easiest way to QSL him?

This is my best log entry ever!

72 de KB9BVN

Life is good! Don't forget the Indiana QSO Party tomorrow!

--

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764 - FISTS QRP Century Club #24
=====

Date: Sat, 6 May 2000 06:23:13 -0400
From: "Ken Hanks" <captbfd@yahoo.com>
To: <brian@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [69540] Re: I got DX!!!
Message-ID: <002301bfb745\$1d0bc400\$0c148ad1@acer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Brian:

Found him on <http://www.eham.net/callbook/search> under the CIS Callsign =
Server:

Potapov, Nikolai E. =20
Novg. obl., Pestovo, ul.=20
Lermontova, 3-A =20
174510 Russia=20

73,=20

Ken Hanks K1XS
Naugatuck, CT
QRP-L #494

Date: Sat, 6 May 2000 06:26:03 -0500
From: n4so@juno.com
To: qrp-l@Lehigh.edu
Subject: [69541] Smart Battery Charger from A & A
Message-ID: <20000506.062610.-66615.4.N4SO@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Smart Battery Charger for Gel-Cells or Lead Acid batteries
A & A Engineering
2521 W. La Palma nr. K
Anaheim, CA 92801
714-952-2114
fax 714 952-3280
Based on the Warren Dion N1BBH article in QST of June 87.

Precision temperature tracking voltage reference
and three mode charging sequence.

>From QST mag. of DEC. 1996.

Ken Brown, N4SO
Mobile, AL EM50tk
NorCal-20 at 5 watts
4 element yagi

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 6 May 2000 14:39:48 +0100

From: wd3p@juno.com

To: atrail-1@Lehigh.EDU, epaqrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU

Subject: [69542] AT Alert - MD

Message-ID: <20000506.143956.-520789.0.wd3p@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

I'm headed out the door in a few minutes for the trial. Time is 1445z.
The drive is about 2 hrs. Give me another 1-2 hrs - more likely 2, to
hike to the location. I'll be on for about an hour so I'll keep the QSOs
short. I've got the SST for 40 m and a DSW for 20 m. Will start out on 40
meters. I'll be sending CQ AT to make it a bit easier for everyone. Hope
to run into a few of you there.

I sure hope the mountains are cooler - it is already 86 here and headed
up to 90 today.

73 de Larry.....WD3P in MD

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Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sat, 6 May 2000 09:55:14 -0500

From: "Kelly Ellison" <kelman@dialnet.net>

To: <qrp-1@lehigh.edu>

Subject: [69543] qrp swap update
Message-ID: <006501bfb76b\$44f8c140\$bbc9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have had quite a bit interest in individual items other than the OHR-500.
I'll drop the price to \$250.00 on the OHR-500,
and if it sells, I'll contact those interested in the other items.

Here is what I have....
Oak Hills Research OHR-500 w/keyer - \$250.00
AEA DX Handy (10 meter) in Excellent Condition
GM-10 rig (10 meter) with the "nice enclosure".
S&S Ark 4 40 meter radio
Wilderness SST-30, 40, and 20.

Thank you,

Kelly Ellison - WB0WQS

Date: Sat, 6 May 2000 08:55:40 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: wd3p@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69544] Re: NorCal: New Kit to be available at NorCal Meeting Sunday
Message-ID: <Pine.LNX.3.95.1000506085512.7779A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

How about a little amp for the SMK-1?.....would be kinda neat.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sat, 6 May 2000 09:00:42 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [69545] FS: HW-202

Message-ID: <Pine.LNX.3.95.1000506085952.7779C-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This rig has been spoken for.....tnx you all.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sat, 06 May 2000 09:04:33 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l@lehigh.edu
Cc: fantbb@yahoo.com
Subject: [69546] Re: QRP transceivers in close proximity
Message-ID: <200005061504.KAA16059@chupacabras.flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Jeff - I saw your post asking for information on using filters to reduce interference between multiple stations during Field Day. There are low cost alternatives to the ICE filters, which at \$35 a pop are expensive, but are worth it by the way. For homebrew alternatives, I suggest you point your browser to:

<http://www.berkshire.net/~robbins/technote/techref.html>

Under the heading "Filters" there are 4 or 5 posts which deal specifically with this topic. One type of filter is similar to the ICE filters and uses torroids and capacitors to form bandpass filters. These require some patience to tune, preferrably with the assistance of a spectrum analyzer. I believe the ICE filters are of this type.

The second type uses coaxial stubs at the output of the transceiver. Lengths are given in the reference for RG-8 coax and if you use a coax with a similar velocity factor, such as RG-58, then the lengths should be the same. These should be easy to make, nearly cut and play. There is no reason why TV coax such as RG-6 could not be used for QRP versions of these filters. In this case an antenna analyzer such as the MFJ or Autek would be useful in determining the correct length.

The stub filters should cost less than the ICE filters, but remember that you will have to buy coax connectors and "tees" to attach the stubs.

These posts were done by avid multi-multi testers, so the comments on amplifiers and melting RG-58 stubs can be ignored. :^)=.

I realize that I come a bit late to the discussion, but my week has been busy and I am just now getting around to my reply list. I hope that this helps someone. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 6 May 2000 10:07:51 -0500
From: "M. Pender" <steam@megsinet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69547] Re: battery charger
Message-ID: <004501bfb76c\$d98cd660\$732f28d0@megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Wow!! I hear an explosion already. You can't charge a gel cell at a 50 percent rate!!!!

tower hobbies at <http://www.towerhobbies.com> sells nice 12 volt gel cells and wall wart chargers made=20 specifically for them.

I think the battery is about 17 bucks and the chargers are just plain cheap. Go to the battery link on the left of their page and check em out.

And no, I have no connection to Tower Hobbies other than being a customer.

72... Mike

<>< ><< ><< <>< ><< <>< ><< <>< <>< <>< <><
Mike Pender Chicago N9IV0
steam@corecomm.net <http://www.corecomm.net/~steam> =20
><< <>< <>< ><< <>< ><< <>< <>< ><< <>< <><

Date: Sat, 6 May 2000 10:22:48 -0500

From: "M. Pender" <steam@megsinet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69548] Re: Smart Battery Charger from A & A
Message-ID: <005801bfb76e\$f0f2e900\$732f28d0@megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Holy Cow, Guys.

Save your money. Here's a wall wart charger made specifically
for 12 volt 7 amp gel-cells. And the price is ELEVEN BUCKS!!
Better yet, just get the gel-cell and charger for 29 bucks and=20
be done with it.

No reason to spend big bucks on cells and chargers.
check out this link... Mike

<http://www2.towerhobbies.com/cgi-bin/wti0001p.pgm?Q=3D1&I=3DHCAP0200&P=3D=7>

The part number for the 12 volt 7amp gel is # LE1860

72.. Mike

<>< ><> ><> <>< ><> <>< ><> ><> <>< ><
Mike Pender Chicago N9IV0
steam@corecomm.net <http://www.corecomm.net/~steam> =20
><> <>< ><> ><> <>< ><> ><> <>< ><> <>

Date: Sat, 06 May 2000 11:40:20 +0000
From: "Benjamin F. Poinsett" <benmail@erols.com>
To: qrp-1@lehigh.edu
Subject: [69549] Softwindows 95
Message-ID: <3914049F.609A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Recently I purchased a copy of the FUNKAMATEUR magazine G-QRPC SPRAT
CD ROM. This CD ROM has SPRAT issues 1 through 100 in PDF format.

I use an Apple clone computer (Power Computing Power Wave 132) which is a Power PC platform. To run MS DOS and Windows programs I use a program called Softwindows 3.0 (Windows 3.1). Unfortunately to open up the SPRAT CD ROM I need a 9X versions of Windows.

Insignia the producer of Softwindows recently sold its Softwindows business to FWB. I have E-mailed both companies about a possible upgrade for my Softwindows. So far I have received no replies. There was a version of Softwindows called Softwindows 95 that would run on my system.

Does anyone know where I can get a copy of this program?

BTW, I use MAC OS 7.5.5. So any upgrades must run on that system.

Thanks for any help on this problem. Reply directly to my E-mail address to save bandwidth.

72 & 73,

Ben Poinsett, K3BP

P.S. I know about the program Virtual PC. I'm hoping to stick with Softwindows. Virtual PC will be my last resort.

Date: Sat, 6 May 2000 09:59:13 -0600
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [69550] Jones paddle?
Message-ID: <000301bfb774\$c7eab3c0\$5448460f@snp.webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just picked up a jones paddles at a swapfest. Curious what makes it tick??
...so to speak. It's not obvious how it works. Magnets? Sure is beefy!

says SN 000402.

Owners comments, please Steve/n0tu

Date: Sat, 06 May 2000 10:19:25 -0700

From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: EleCraft mail list <elecraft@qth.net>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [69551] More Shirt Designs on Elecraft web page
Message-ID: <3914541D.C44B5034@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We've added more shirt design graphics for our Dayton Shirt Contest at
http://www.elecraft.com/Apps/tshirts/elecraft_dayton_shirt_info_page.htm

73, Eric

--

<http://www.elecraft.com>

Date: Sat, 06 May 2000 08:46:03 -0600
From: wb5qyt@eFortress.com
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [69552] Jones paddle
Message-ID: <3914302B.555D@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve and gang,

I have a Jones paddle # 266! Made like a tank and heavy. Not backpack friendly but a good solid paddle for home. No magnets, just heavy duty contacts Steve. Mine has the red base, how bout yours?

Take care and 72, Tom WB5QYT..."Have spud will travel!"

Date: Sat, 6 May 2000 14:48:59 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [69553] My SMK-1
Message-ID: <004701bfb794\$20ae4d40\$11a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been using my SMK-1 for several days now and have really been enjoying it. It definitely is the best of the "novelty" radios I've built. I've had no BCI, the TR switching is smooth and quiet, and being able to separately tune the TX and RX is great - and a new experience for me.

I built a tight 1-5/8" x 1" x 1-3/8" enclosure for it out of PC board material and although the audio was fine, I added a simple one-transistor audio amplifier to it and an active filter that can be switched between 2300 and 800 Hz. I was also able to squeeze in a small 1-1/2" speaker and it works surprisingly well for casual listening.

Denny Payton, N9JXY
Auburn, IN

Date: Sat, 06 May 2000 15:00:19 -0500
From: Randy <randyb@ionet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69554] Re: Guessing, what is it???
Message-ID: <3.0.2.32.20000506150019.007653a4@ionet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm putting my money on the new NorCal Kit being an antenna tuner to use with the SMK-1 and a Norcal doublet antenna.

Randy Broussard WB5RVJ
Tulsa, OK.
randyb@ionet.net

Date: Sat, 6 May 2000 13:19:42 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [69555] Re: Guessing, what is it???
Message-ID: <002801bfb798\$6aa3e0a0\$95231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As long as your predicting things, what is Elecraft unveiling at Dayton?

Thanks, John K7FD

>I'm putting my money on the new NorCal Kit being an antenna tuner to use
>with the SMK-1 and a Norcal doublet antenna.

>

>

>

>

>Randy Broussard WB5RVJ

>Tulsa, OK.

Date: Sat, 6 May 2000 14:03:58 -0700

From: "John Moriarity" <k6qq@hdo.net>

To: <steam@megsinet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [69556] Re: Smart Battery Charger from A & A

Message-ID: <004501bfb79e\$996df820\$09424cd1@k6qq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> Holy Cow, Guys.

>

> Save your money. Here's a wall wart charger made specifically

> for 12 volt 7 amp gel-cells. And the price is ELEVEN BUCKS!!

> Better yet, just get the gel-cell and charger for 29 bucks and

> be done with it.

>

> No reason to spend big bucks on cells and chargers.

> check out this link... Mike

Mike (and others),

There is indeed a reason!

Before you decide to go this way, you should read the info
on the Smart Charger. It is **much more** than a trickle charger!

<http://www.pagedepot.com/radiowise/prod/aa/aaspec/150bat.htm>

72,

John, K6QQ

Date: Sat, 6 May 2000 17:32:55 -0400
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [69557] Friend WTB: MFJ-9420 SSB Rig
Message-ID: <000801bfb7a2\$a5434f20\$ec28f7a5@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

A friend of mine (W2RAY) is interested in an MFJ-9420 SSB rig with mic.

If you have one for sale please let me know and thanks.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@mindspring.com

Date: Sat, 6 May 2000 17:33:21 -0400
From: w4bws@juno.com
To: cqdx@teleport.com
Cc: qrp-1@Lehigh.EDU
Subject: [69558] Re: Guessing, what is it???
Message-ID: <20000506.173520.-176967.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

A computer control module for the K2 operating under linux
that you can program for automatic robot operating. You can

operate any contest and it will answer any call to your call letters with a reply and automatically increment the qso number, fill out the label for qsl card and fill in the log for e-mail sending and for hard copy. It will also sound an alarm when it hears any calls you preset to notify you so a live qso will be possible. It comes preprogramed with all known K2 owners at time of checkout.

Where is my medication?

Don W4BWS

On Sat, 6 May 2000 13:19:42 -0700 "K7FD-N7SG" <cqdx@teleport.com> writes:

> As long as your predicting things, what is Elecraft unveiling at
> Dayton?

>

> Thanks, John K7FD

>

>

>

> >I'm putting my money on the new NorCal Kit being an antenna tuner
> to use

> >with the SMK-1 and a Norcal doublet antenna.

> >

> >

> >

> >

> >Randy Broussard WB5RVJ

> >Tulsa, OK.

>

>

Don Sanders W4BWS

694 E. Eau Gallie Blvd

Satellite Beach ,FL 32937

My favorite QRP rig glows in the dark

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 06 May 2000 15:45:45 -0600

From: "John A. Evans - N0HJ" <jaevans@codenet.net>

To: unlisted-recipients:; (no To-header on input)

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [69559] OT: Callbook query

Message-ID: <39149288.FE7DAFC5@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi folks,

I have a friend who is working on her license upgrade. She claims she had a Technician license before the 89 date but cannot find her license. She is requesting an FCC letter, but could upgrade earlier if we can find her data in one of the callbooks from 83-89 timeframe. She upgraded to Tech Plus in mid-90 so any callbook info after that won't help. If anyone thinks they may be able to help, email me offline and I'll pass the info to you. It would be even more terrific if there is a way to scan the page with her call and email it to me so I can print it out for her to use at an exam session.

thanks much es 72,

john evans - n0hj

Date: Sat, 6 May 2000 17:54:20 -0400
From: "Ken Evans" <w4du@bellsouth.net>
To: "QRP-1 Discussion" <qrp-1@Lehigh.EDU>
Subject: [69560] FDIS
Message-ID: <00b301bfb7a5\$a29dca40\$bbdafea9@evans>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

We printed the name tags today for all who have registered for either the FDIS Seminar and/or the Awards Banquet. All that I have received thru Friday, May 5th were included. For those that sent an SASE, we mailed them today. You will receive a name tag along with a red tag for the seminar, a yellow tag for the banquet, or both (if you are attending both). Please keep these and bring them to Dayton. We will supply name tag holders and the colored tags will help speed up registration, especially at the banquet

If you did not send an SASE, or for some reason do not receive the items in the mail before you depart for Dayton, you may receive duplicates at the door.

72/3,
Ken Evans, W4DU

Atlanta, GA
QRP ARCI #696; G-QRP; NORCAL;NOGA; ARRL-Life

Date: Sat, 6 May 2000 17:50:54 -0500
From: "M. Pender" <steam@megsinet.net>
To: <k6qq@hdo.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [69561] Re: Smart Battery Charger from A & A
Message-ID: <001801bfb7ad\$89e0cea0\$7eced6d8@megsinet.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Ok, I read all their sales hoopla. And I'm still not gonna=20
shell out 60 bucks on a charger KIT that does nothing for
my gel cell that an eleven dollar charger won't do.

I've been using gel cells for 15 years. The Charger that=20
Hobbico sells for their 12 volt 7 amp gel cell has worked
perfectly for me and thousands of Radio control enthusiasts
for all those years. I'm just trying to save y'all a few bucks.

You spend your 60 bucks and build your repeater cell deep
charge cycle charger. I'll just plug in old trusty and have a ball.

save your money... Mike

<>< ><< ><< <>< ><< <>< <>< <>< <>< <>< <><
 Mike Pender Chicago N9IV0
 steam@corecomm.net http://www.corecomm.net/~steam =20
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End of QRP-L Digest 1813

